

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeATTY. DOCKET NO.
APV 30271CIPSERIAL NO.
09/698,149INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary).

APPLICANT

Dominic Wai-Kwing YEUNG et al

FILING DATE

October 30, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
0.A	3 9 6 0 7 6 3	06-76	Lambou et al			
	4 7 1 3 1 8 2	12-87	Hiltz et al			
	4 7 3 4 0 9 9	03-88	Cyprien			
	5 0 2 7 8 9 8	07-91	Naae			
	5 0 4 2 5 8 3	08-91	D'Souza et al			
	5 1 0 4 6 4 3	04-92	Grollier et al			
	5 1 6 9 4 4 1	12-92	Lauzon			
	5 2 1 8 0 2 1	06-93	Clark et al			
	5 2 3 2 6 3 2	08-93	Woo et al			
	5 3 4 6 6 9 9	09-94	Tiernan et al			
	5 4 1 5 8 6 0	05-95	Beucherie et al			
	5 4 9 6 4 7 5	03-96	Jho et al			
	5 5 3 6 4 5 2	07-96	Black			
	5 5 4 9 8 6 9	08-96	Iwakawa			
	5 5 8 7 0 2 2	12-96	Black			
	5 6 1 2 3 0 8	03-97	Woo et al			
	5 6 1 4 4 7 3	03-97	Dino et al			
	5 6 5 8 9 6 1	08-97	Cox, Sr.			
	5 6 6 5 4 6 6	09-97	Guez et al			
	5 6 8 6 0 2 4	11-97	Dahanayake et al			
	5 7 0 5 0 3 3	01-98	Gerard et al			
	5 7 0 6 8 9 5	01-98	Sydansk			
	5 7 3 5 9 5 5	04-98	Monaghan et al			
0A	5 8 2 1 2 0 3	10-98	Williamson			

EXAMINER

Olga Asinovsky

DATE CONSIDERED

Oct. 17, 2001

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
APV 30271CIP

SERIAL NO.
09/698,149

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Vance BERGERON et al

FILING DATE
October 30, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
0.A	4 5 5 6 5 0 9	12-85	Demangeon et al			
0.A	4 5 7 9 6 8 1	04-86	Ruppert et al			
0.A	5 8 1 1 3 8 6	09-98	Mueller et al			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
0.A	0 0 1 3 5 8 5	07-80	EP			X
	0 2 3 2 0 9 2	08-87	EP			X
	0 4 9 4 5 5 4	07-92	EP			X
	0 4 1 0 5 6 7	01-91	EP			X
	0 5 6 0 5 1 9	09-93	EP			X
	0 5 2 1 4 3 9 2	03-82	JP			Abstract Only
	5 7 0 4 4 7 0 0	08-93	JP			Abstract Only
	9 5 0 0 6 1 1	01-95	WO			X
	9 5 1 9 9 5 1	07-95	WO			X
	9 6 0 2 6 2 2	02-96	WO			X
	9 6 3 7 5 9 7	11-96	WO			X
	9 8 2 8 3 9 3	07-98	WO			X
	9 9 2 7 0 5 3	06-99	WO			X
	9 9 2 7 0 5 4	06-99	WO			X
	9 9 2 7 0 5 7	06-99	WO			X
0.A	9 9 2 7 0 5 8	06-99	WO			X

EXAMINER Olga Asinovsky

DATE CONSIDERED Oct. 17, 2001

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.
APV 30271CIP

SERIAL NO.
09/698,149

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Dominic Wai-Kwing YEUNG et al

FILING DATE
October 30, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DA	5 8 5 3 7 1 0	12-98	Dehan et al			
	5 8 5 8 3 4 3	01-99	Szymczak			
	5 8 8 2 5 4 1	03-99	Achtmann			
	5 9 0 2 5 7 4	05-99	Stoner et al			
	5 9 0 2 7 7 8	05-99	Hartmann et al			
	5 7 1 4 0 0 1	02-98	Savoly et al			
DA	5 2 7 7 8 9 9	01/94	McCall			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
DA	9 8 3 8 9 7 3	09-98	WO			YES NO
DA	9 8 3 9 4 0 1	09-98	WO			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Olga Asinovsky* DATE CONSIDERED *Oct. 17, 2001*

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark OfficeATTY. DOCKET NO.
APV 30271CIPSERIAL NO.
09/698,149INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT

Vance BERGERON et al

(Use several sheets if necessary)

FILING DATE
October 30, 2000

GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

0.A	S. Creutz, P. Teyssie, R. Jerome, <u>Living Anionic Homopolymerization and Block Copolymerization of (Dimethylamino)ethyl Methacrylate</u> , Macromolecules, 30, pg. 6-9 (1997)
0.A	P. Chaumont, D. Colombani, L. Boiteau, J.P. Lamps, M. Zink, C.P.R. Nair, and P. Charnot, <u>Free Radical Synthesis of Functional Polymers Involving Addition-Fragmentation Reactions</u> , American Chemical Society (Chapter 22, pg. 362-376) (1998)
0.A	J. Chiefari, Y. K. Chong, F. Ercole, J. Krstina, J. Jeffrey, T. Le, R. Mayadunne, G. Meigs, C. Moad, G. Moak, E. Rizzardo, S. Thang <u>Living Free-Radical Polymerization by Reversible Addition-Fragmentation Chain Transfer: The RAFT Process</u> , Macromolecules, 31, pg. 5559-5562 (1998)
0.A	A. Sebenik, <u>Living Free-Radical Block Copolymerization Using Thio-Iniferters</u> , Prog. Polym. Sci. Vol. 23, pg 875-917 (1998)
0.A	Abstract of PCT Publication No. WO 98/01478, published January 15, 1998
0.A	J. Krstina, C. Moad, E. Rizzardo, <u>A New Form of Controlled Growth Free Radical Polymerization</u> Macromol. Symp. 111, pg. 13-23 (1996)
	S. Sandler, W. Karo, <u>Poly(Vinyl Ethers)</u>, Organic Chemistry, Polymer Syntheses Vol. II, Academic Press N.Y., Chapter 7, pg. 214-231 <i>No Date</i>
0.A	V. Butun, N. Billingham, S. Armes, <u>Synthesis and Aqueous Solution Properties of Novel Hydrophilic-Hydrophilic Block Copolymers Based on Tertiary Amine Methacrylates</u> , Chem. Commun. 671-672 (1997)
0.A	S. Creutz, J. van Stam, F. De Schryver, R. Jerome, <u>Dynamics of Poly((dimethylamino)alkyl methacrylate-block-sodium Methacrylate) Micelles. Influences of hydrophobicity and Molecular Architecture on the Exchange Rate of Copolymer Molecules</u> , Macromolecules, 31, 681-689 (1998)
0.A	A. Lowe, N. Billingham, S. Armes, <u>Synthesis and Characterization of Zwitterionic Block Polymers</u> , Macromolecules, 31, 5991-5998 (1998)
0.A	D. Shipp, J.L. Wang, K. Matyjaszewski, <u>Synthesis of Acrylate and Methacrylate Block CoPolymers Using Atom Transfer Radical Polymerization</u> , Macromolecules, 31, 6005-6008 (1998)
0.A	X. Zhang, K. Matyjaszewski, <u>Synthesis of Well Defined Amphiphilic Block Copolymers with 2 Dimethylaminoethyl Methacrylate by Controlled Radical Polymerization</u> , Macromolecules 32, 1763-1766 (1999)
0.A	N. Hoogveen, M. Sohen Stuart, G. Fler, <u>Novel Water-Soluble Block CoPolymers of Dimethylaminoethyl Methacrylate and Dihydroxypropyl Methacrylate</u> , Macromolecules Chem. Phys., 197, pg. 2553-2554 (1996)

EXAMINER

Alfred Asinowski

DATE CONSIDERED

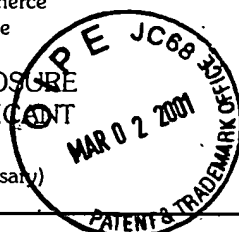
Oct. 17, 2001

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
(Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)



ATTY. DOCKET NO.
APV30271CIP

SERIAL NO.
09/698,149

APPLICANT
Dominic Wai-Kwing YEUNG et al

FILING DATE
October 30, 2000

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OA.	3 0 9 9 6 3 6	7-63	SKILES			
OA.	4 3 0 4 7 0 3	12-81	DAS			
OA.	4 4 8 6 4 8 9	12-84	GEORGE			
OA.	3 2 4 9 4 5 5	05-66	WILLIAMS			
OA.	3 6 7 1 5 0 2	06-72	SAMOUR et al			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO
OA. 5 3 1 1 1 9 4	05-93	JP			
OA. 1 0 7 3 9 4 7	06-67	UK			
OA. 9 1 1 5 5 2 4	10/91	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *Alfred Asinowski* DATE CONSIDERED *June 19, 2002*

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.